ESG-LOGGER-HYGRO®

MONITORING HUMIDITY AND TEMPERATURE

USE CASE

Storage area

Compliant with storage standards. Measures temperature and humidity of your storage areas. Autonomously and easily implemented.

Industrial process

Monitors your paint booths, ovens, heating processes and only go back up to the essentials. If there is an anomaly, refers to the records of our ESG-Logger.

COLD CHAIN BREACH

Monitors your cold chain without any special connectivity. Once you arrive at destination, check the history of our ESG-Logger and check that there has been no breakage.

PRODUCT HIGHLIGHTS

AUTONOMOUS AND WIRELESS

ESG-Logger can be installed anywhere without worrying about wiring, indoor and outdoor. Its magnet installation is simple, fast and automatic.

SET AS YOU WISH

Set up of the ESG-Logger can be adjusted as required, locally or remotely if LPWAN connectivity is available.

IDENTIFICATION BY LED

A bi-color LED allows you to know the condition of the product, facilitates its installation and alerts you in case of an anomaly.

OPTIMIZED ALGORITHM for more than 10 years of battery life depending on the use case.

TIME-STAMPING AND DATALOGGING OF EVENTS (+8000)

REPLACEABLE BATTERY

OPTIONS AVAILABLE:

- Specific sensor on demand,
- Anti-snatching,
- Customization on request:
  - Case color and labeling,
  - Specific business features.
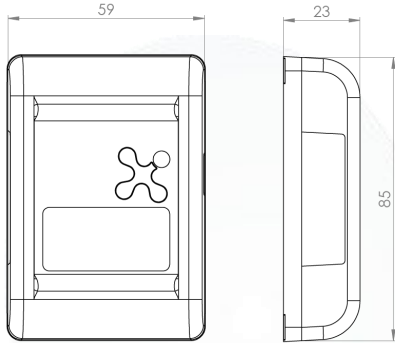
CLOVER-NET TECHNOLOGY

Real-time two-way communication protocol to facilitate the installation and setting of sensors, collection of time-stamped data, automatic inventories, OTA updates...
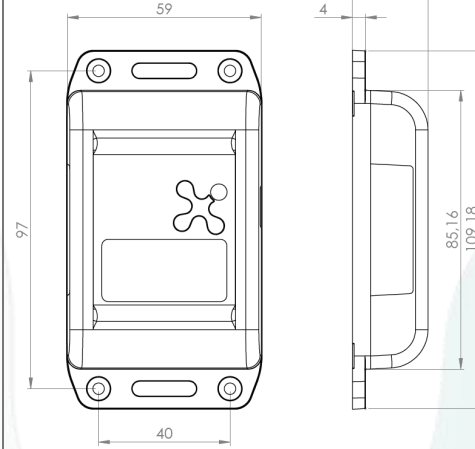
SPECIFICATIONS

Mechanical specificities

Without flanges

With flanges

Fastening system

Screw	
Magnet (optional)	
Glue	

Certifications

CE, EN 300-220

Physical characteristics

Battery	Lithium 3.6Ah replaceable
Material	ABS PC V0 UL94
Weight	110 g
IP index	IP55 or IP66 (with seal)
IK index	IK07 or IK08 (with seal)
Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 80°C
Humidity	< 95% without condensation

⚠️ **CAUTION: THIS PRODUCT USES LITHIUM BATTERY.**
FOR YOUR SAFETY, PLEASE CHECK OUR WEBSITE.

Communication

LoRaWAN	Class A
	EU868, 915US, AU915, AS923
	Private and public Network
	OTAA and ABP
	Power transmission : 14dBm (EU) to 20dBm max
	Operator compatible : Objenious, Orange ... Network core providers : Actility, Orbiwise, TTN, Loriot ...
SigFox (option)	RC1, RC2, RC4
CloverNet	Broadcast, multicast, point-to-point

Battery life
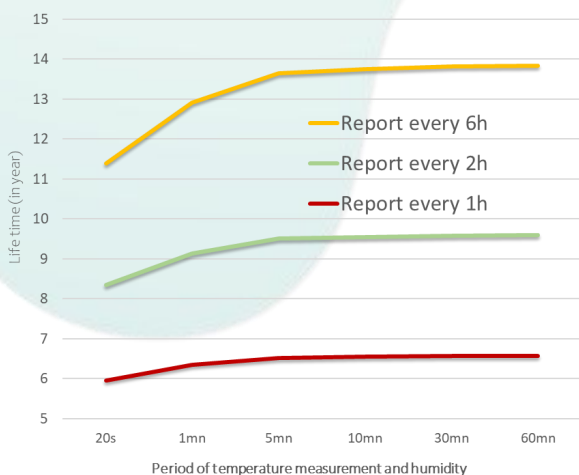
Use case

Communication in SF12	
Report with Min/Max/average	
Recording data in memory for later reading	

Data transmitted

Value of humidity and temperature

Time-recorded measurements

Alarm in case of high and low threshold overshoot

Alarm in case of snatching

History with time stamp

Activity data (battery, etc.)

Setting up by Downlink

Ineo-Sense

125 Rue de L'hostellerie,
Immeuble ELLIPSIS, Niv 4 Porte 12
30 900 Nîmes — France

Phone : +33 466 276 495
Web : www.ineo-sense.com
contact@ineo-sense.com